Netmask Table

Bits	Dotted Decimal Netmask	Hexadecimal Netmask	Binary Netmask
/0	0.0.0.0	0x00000000	00000000 00000000 00000000 00000000
/1	128.0.0.0	0x80000000	10000000 00000000 00000000 00000000
/2	192.0.0.0	0xc0000000	11000000 00000000 00000000 00000000
/3	224.0.0.0	0xe0000000	11100000 00000000 00000000 00000000
/4	240.0.0.0	0xf0000000	11110000 00000000 00000000 00000000
/5	248.0.0.0	0xf8000000	11111000 00000000 00000000 00000000
/6	252.0.0.0	0xfc000000	11111100 00000000 00000000 00000000
/7	254.0.0.0	0xfe000000	11111110 00000000 00000000 00000000
/8	255.0.0.0	0xff000000	11111111 00000000 00000000 00000000
/9	255.128.0.0	0xff800000	11111111 10000000 00000000 00000000
/10	255.192.0.0	0xffc00000	11111111 11000000 00000000 00000000
/11	255.224.0.0	0xffe00000	11111111 11100000 00000000 00000000
/12	255.240.0.0	0xfff00000	11111111 11110000 00000000 00000000
/13	255.248.0.0	0xfff80000	11111111 11111000 00000000 00000000
/14	255.252.0.0	0xfffc0000	11111111 11111100 00000000 00000000
/15	255.254.0.0	0xfffe0000	11111111 11111110 00000000 00000000
/16	255.255.0.0	0xffff0000	11111111 11111111 00000000 00000000
/17	255.255.128.0	0xffff8000	11111111 11111111 10000000 00000000
/18	255.255.192.0	0xffffc000	11111111 11111111 11000000 00000000
/19	255.255.224.0	0xffffe000	11111111 11111111 11100000 00000000
/20	255.255.240.0	0xfffff000	11111111 11111111 11110000 00000000
/21	255.255.248.0	0xfffff800	11111111 11111111 11111000 00000000
/22	255.255.252.0	0xfffffc00	11111111 11111111 11111100 00000000
/23	255.255.254.0	0xfffffe00	11111111 11111111 11111110 00000000
/24	255.255.255.0	0xffffff00	11111111 11111111 11111111 00000000
/25	255.255.255.128	0xffffff80	11111111 11111111 11111111 10000000
/26	255.255.255.192	0xffffffc0	11111111 11111111 11111111 11000000
/27	255.255.255.224	0xffffffe0	11111111 11111111 11111111 11100000
/28	255.255.255.240	0xfffffff0	11111111 11111111 11111111 11110000
/29	255.255.255.248	0xfffffff8	11111111 11111111 11111111 11111000
/30	255.255.255.252	0xfffffffc	11111111 11111111 11111111 11111100
/31	255.255.255.254	0xfffffffe	11111111 11111111 11111111 11111110
/32	255.255.255.255	0xffffffff	11111111 11111111 11111111 11111111